

**A Correlation of  
Elevate Science ©2019**



**To**

A new generation of literacy instruction  
**ReadyGEN**   

**Grades K– 5**

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**to**  
**ReadyGEN, Grades K - 5**

**Introduction**

**ReadyGEN ©2016** is a K-5 integrated literacy curriculum that equips students and teachers with the tools to meet heightened literacy expectations. Authentic, rigorous text sets actively engage students, and a complete array of print and digital resources provide teachers with the support and flexibility they need.

**AUTHENTIC TEXT AT THE CORE OF INSTRUCTION**

- Puts a library of 12 authentic trade books in the hands of every child.

**BUILT WITH THE RESULTS IN MIND**

- Back-mapped for success to ensure that activities are driven by rigorous standards.

**BROADENS ACCESSIBILITY TO COMPLEX TEXTS AND TASKS**

Point-of-use scaffolds, strategic support, and individualized intervention accelerates learning for all.

**Elevate Science** is a comprehensive K-5 science program that focuses on active, student-centered learning. It builds students' critical thinking, questioning, and collaboration skills, and fuels interest in STEM and creative problem solving while supporting literacy development for elementary-age learners.

Developed to support Next Generation Science Standards (NGSS), **Elevate Science** integrates three-dimensional learning of the Scientific and Engineering Practices, Crosscutting Concepts (CCC), and Disciplinary Core Ideas (DCIs).

The **Elevate Science** blended print and digital curriculum engages students in phenomena-based inquiry and hands-on investigations.

- Problem-based learning Quests put students on a journey of discovery
- Engineering-focused features infuse STEM learning
- Coding and innovation engage students and build 21<sup>st</sup> century skills

The Teacher's Edition of **Elevate Science** helps elementary educators teach science with confidence: Scaffolding, ELD, differentiated instruction, and an instructional organization based upon the 5E learning model, (Engage, Explore, Explain, Extend/Elaborate, Evaluate), provide all the support needed for successful teaching practices. Professional development offers point-of-use support. A full-view approach to inquiry and testing provides new options for a variety of hands-on labs and assessments for three-dimensional learning.

**Elevate Science** prepares students for the challenges of tomorrow, building strong reasoning skills and critical thinking strategies as they engage in explorations, formulate claims, and gather and analyze data that promote evidence-based argument. Designed for today's classroom, preparing students for tomorrow's world. **Elevate Science** promises to:

- Elevate thinking.
- Elevate learning.
- Elevate teaching.

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<p><b>Poem:</b> The Solar System</p>	<p><b>SE/TE:</b>            Topic 6: Lesson 2: Inner Solar System, ulnvestigate Lab How does a planet’s distance from the sun affect its path?, 247            Topic 6: Lesson 2: Inner Solar System, What is in our solar system?, 248-249            Topic 6: Lesson 2: Inner Solar System, Planetary Orbit, 250            Topic 6: Lesson 3: Outer Solar System, Gas Giants, 256            Topic 6: Lesson 3: Outer Solar System, Jupiter: Gas Giant with Many Moons, 257            Topic 6: Lesson 3: Outer Solar System, Saturn: A Planet with “Handles”, 257            Topic 6: Lesson 3: Outer Solar System, How are the outer planets aligned?, 258-259            Topic 6: Lesson 3: Outer Solar System, Uranus/Neptune, 260</p>

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<p><b>Anchor Text:</b> <i>Jess and Layla's Astronomical Assignment</i></p>	<p><b>SE/TE:</b>                      Topic 6: Literacy Connection, Use Text Features, 235                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Distances of Stars, 240                      Topic 6: Lesson 2: Inner Solar System, What is in our solar system?, 248-249                      Topic 6: Lesson 2: Inner Solar System, Planetary Orbit, 250                      Topic 6: Lesson 2: Inner Solar System, Moons, 251                      Topic 6: Lesson 3: Outer Solar System, Jupiter: Gas Giant with Many Moons, 257                      Topic 6: Lesson 3: Outer Solar System, Saturn: A Planet with "Handles", 257                      Topic 6: Lesson 3: Outer Solar System, How are the outer planets aligned?, 258-259                      Topic 6: Lesson 3: Outer Solar System, Uranus/Neptune, 260                      Topic 6: Lesson 3: Outer Solar System, Comets and Asteroids, 261</p>

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<p><b>Supporting Text:</b> <i>A Black Hole Is NOT a Hole</i></p>	<p><b>SE/TE:</b>                      Topic 6: Literacy Connection: Use Text Features, A Very Old System, 235                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Local-to-Global Connection, 236                      Topic 6: Solar System, Lesson 1: Brightness of the Sun and Other Stars, Earth’s Sun, 238                      Topic 6: Solar System, Lesson 1: Brightness of the Sun and Other Stars, Structure of the Sun, 239                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Distances of Stars, 240                      Topic 6: uEngineer It! What’s with the dust?, 244-245                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravitational Force, 280                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravity on Earth, 281                      Topic 7: Lesson 1: Earth’s Gravitational Forces, uBe a Scientist Explore Gravity, 281                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravity in Space, 282                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Quest Check-In Lab How does gravity affect matter?, 283                      Topic 7: Lesson 3: Patterns Over Time, Stars and Constellations, 297</p>

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<p><b>Supporting Text:</b> <i>Our Mysterious Universe</i></p>	<p><b>SE/TE:</b>                      Topic 6: Literacy Connection, Use Text Features, 235                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Earth’s Sun, 238                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Structure of the Sun, 239                      Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Distances of Stars, 240                      Topic 6: Lesson 2: Inner Solar System, What is in our solar system?, 248-249                      Topic 6: Lesson 2: Inner Solar System, Planetary Orbit, 250                      Topic 6: Lesson 3: Outer Solar System, Gas Giants, 256                      Topic 6: Lesson 3: Outer Solar System, Jupiter: Gas Giant with Many Moons, 257                      Topic 6: Lesson 3: Outer Solar System, Saturn: A Planet with “Handles”, 257                      Topic 6: Lesson 3: Outer Solar System, How are the outer planets aligned?, 258-259                      Topic 6: Lesson 3: Outer Solar System, Uranus/Neptune, 260                      Topic 6: Lesson 3: Outer Solar System, Comets and Asteroids, 261                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravitational Force, 280                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravity in Space, 282                      Science Practices: Handbook, Ask Questions, EM0                      Science Practices: Handbook, Carry Out Investigations, EM1</p>
<p><b>Poem:</b> The Black Hole</p>	<p><b>SE/TE:</b>                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravitational Force, 280                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Gravity in Space, 282                      Topic 7: Lesson 1: Earth’s Gravitational Forces, Quest Check-In Lab How does gravity affect matter?, 283</p>

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**TE = Teacher Edition**



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<b>Unit 4 Exploring New Worlds</b>	
<b>Module A</b>	
<b>Supporting Text:</b> Secrets of the Canyon Cave	<b>SE/TE:</b> Topic 6: Lesson 1: Brightness of the Sun and Other Stars, Size of Stars, 241 Topic 7: Lesson 3: Patterns Over Time, uInvestigate Lab What star patterns can you see?, 295 Topic 7: Lesson 3: Patterns Over Time, Stars and Constellations, 297 Topic 7: Lesson 3: Patterns Over Time, How do we identify star patterns in the sky?, 298-299

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